

TITLEANTI-DIARRHEAL AND METHOD FOR  
USING THE SAME

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## CLAIMS:

- Sub A1
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1. A method for treating and preventing diarrheal symptoms in a subject animal, the method comprising [administering] to the subject animal an effective amount of egg product wherein said egg product comprises one or more anti-diarrheal agents, wherein said one or more anti-diarrheal agents comprises a substance other than an antibody.]
  - 15 2. Method of claim 1, wherein the egg product is obtained from an egg-producing animal that has been hyperimmunized with an immunogenic or genetic vaccine having the capability of inducing an immune response in said egg-producing animal.
  - 20 3. The method of claim 2, wherein the immunogenic vaccine comprises at least one immunogen selected from the group consisting of bacterial, viral, protozoan, fungal, and cellular immunogenic and [mixtures<sup>112</sup> thereof.]
  - 25 4. The method of claim 3, wherein the immunogenic vaccine consists of a mixture of bacterial immunogens, said mixture comprising at least one immunogen from each of the following bacterial strains:
    - Escherichia coli, Escherichia coli (Aerobacter);
    - Klebsiella pneumonia; Pseudomonas aeruginosa;
    - 30 Salmonella typhimurium; Salmonella dysenteriae;
    - Salmonella enteritidis; Salmon epidermis;
    - Salmonella simulans; Streptococcus pyogenes, type 1;
    - Streptococcus pyogenes, type 3; Streptococcus

pyogenes, type 5; Streptococcus pyogenes, type 8  
Streptococcus pyogenes, type 12; Streptococcus  
pyogenes, type 14; Streptococcus pyogenes, type 18  
Streptococcus pyogenes, type 22; Pseudomonas  
vulgaris; Streptococcus agalactiae; Streptococcus  
mitis; Streptococcus mutans; Streptococcus  
salavarius; Streptococcus sanguis; Streptococcus  
pneumoniae; Propionibacterium acnes; and Haemophilis  
influenzae.

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5. The method of claim 2, wherein the genetic vaccine comprises at least one immunogen-coding DNA construct selected from the group consisting of fragments of naked DNA, plasmid DNA, viral DNA, bacterial DNA, DNA expression libraries, DNA-RNA immunogens, DNA-protein conjugates and DNA liposome conjugates, and mixtures thereof.]

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6. The method of claim 1, wherein the effective amount of the egg product administered to the subject animal ranges from 0.5 - 6 grams of egg product per kilogram of subject animal weight per day.

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7. The method of claim 6, wherein the effective amount of egg product administered to the subject animal is 4 grams of egg product per kilogram of subject animal weight.

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8. The method of claim 1, wherein the egg product is administered parenterally, subcutaneously, intravenously, intramuscularly, intraperitoneally, intranasally, orally or topically.

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